SERIAL NO.
09/152,008 Connology Contact Contac FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. (REV. 7-80) PATENT AND TRADEMARK OFFICE ALCA-1100-6 GISTOF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary) 2 OF 4 APPLICANT(S): Paul T. BANIEWICZ et al. **FILING DATE** GROUP 09/11/98 2731 U.S. PATENT DOCUMENTS * EXAMINER DOCUMENT FILING DATE INITIAL NUMBER DATE NAME **CLASS SUBCLASS** (IF APPROPRIATE) 5,748,611 5/98 570 221 Allen et al. 5,748,617 5/98 McLain, Jr. 244 370 5,757,774 5/98 Oka 242 370 2 48 5,781,535 7/98 Russ et al. 370 5,802,144 9/98 Laird et al. 579 92,04 5,812,524 9/98 Moran et al. 370 228 714 5,832,196 11/98 Croslin et al. ч 5,838,660 11/98 Croslin 370 216 1/97 5,841,759 Russ et al. 370 221 5,850,505 12/98 Grover et al. 4 214 5,852,600 12/98 228 Russ 570 6/99 5,862,125 Russ ててる 370 5,862,362 1/99 Somasegar et al. 20 3 15 5,867,689 2/99 McLain et al. 705 5,933,422 8/99 Kusano et al. 331 370 370 8/99 5,943,314 Croslin 216 375 5,991,338 11/99 Trommel 224 5,999,286 12/99 117 Venkatesan 35 9 370 2/00 6,026,073 Brown et al. 6,026,077 2/00 **Iwata** 270 6,044,064 3/00 Brimmage et al. 370 6,049,529 4/00 Brimmage et al. 310 6,104,695 8/00 Wesley et al. کال 310 6,108,309 8/00 Cohoe et al. 210 6,137,775 10/00 Barlett et al. 216 370 6,154,448 11/00 Peterson et al. 370 12/00 6,167,025 370 Hsing et al. 216 **EXAMINER** DATE CONSIDERED *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)

MAR 1 9 2001

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary) 1 OF 4

ATTY. DOCKET NO.

ALCA-1100-6

SERIAL NO.

09/152,008

RECEIVED

Technology

APPLICANT(S): Paul T. BANIEWICZ et W. Conter 2600

9/11/98

2731

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
K	4,648,088	8/85	Cagle et al.	370	228	(IF APPROPRIATE)
(1)	4,853,927	8/89	Wenzel	370	218	
	4,884,263	11/89	Suzuki	370	225	
	4,956,835	9/90	Grover	370	228	
	5,070,497	12/91	Kleine-Altekamp	370	217	
	5,146,452	9/92	Pekarske	710	228	
	5,173,689	12/92	Kusano	370	225	
	5,189,662	2/93	Kleine-Altekamp	310	227	
	5,218,601	12/90	Chujo et al.	\$10	228	
	5,233,600	8/93	Pekarske	370	228	
	5,235,599	6/94	Nishimura	714	14	
	5,319,632	7/95	Iwasaki	370	228	
	5,325,366	6/94	Shinbashi	714	712	
	5,435,003	7/95	Chng et al.	719	l u	
	5,455,832	10/95	Bowmaster	714	712	
	5,479,608	12/95	Richardson	714	니	
	5,493,273	2/96	Smurlo et al.	340	541	
	5,495,471	2/96	Chow et al.	370	221	
	5,537,532	7/96	Chng et al.	7(4	4	
	5,548,639	8/96	Ogura	379	221,54	
	5,586,112	12/96	Tabata	370	ns	
	5,590,118	12/96	Nederlof	370	218	
	5,590,119	12/96	Moran et al.	2,70	215	
	5,598,403	6/95	Tatsuki	370	221	
	5,623,481	4/97	Russ	370	225	
	5,636,203	6/97	Shah	376	244	
	5,636,206	6/97	Amemiya et al.	370	249	
	5,646,936	7/97	Shah et al.	276	218	**
	5,657,320	8/97	Russ et al.	५७	217	,
	5,680,326	10/97	Russ et al.	7,14	<u>u</u>	
	5,710,777	2/98	Gawne	714	717	
	5,721,727	2/98	Ashi et al.	170		
- in	5,734,687	3/98	Kainulainen	370	357	
AMINER	11/1/	1		CONSIDERED	1.''	<u> </u>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. D. ARTMENT OF COMMERCE	ATTY. DOLLET NO.	SERIAL NO.
(REV. 7-80)	PATENT AND TRADEMARK OFFICE	ALCA-1100-6	09/152,008
(2)			00 5 K
6/11/24/01/	CUMENTS CITED BY APPLICANT		40 C
<i>-</i> /	several sheets if necessary)		T. BANIEWICZ et al. GROUP 2731
MAR 1 9 2001 E	4 OF 4	APPLICANT(S): Paul	T. BANIEWICZ et al.
MAR 1 0 20 2		FILING DATE	GROUP
P. C.		9/11/98	2731
PRADENTAL	OTHER DOCUMENTS		
TO TO TO THE TOTAL PARTY OF THE	OTHER DOCUMENTS (Including Author,	Title, Date, Pertinent Pages, Etc.)
	Bouloutas et al. "Alarm Correlation and Fault Ident and Communications.	ification in Communication N	letworks"; 1994 IEEE Transactions
	Manione et al.; "An Inconsistencies Tolerant Approx	och in the Fault Design of Tel	ecommunications Network"
	February 14, 1994	ion in the rault Design of Ter	ecommunications (vetwork),
		<u> </u>	
	/		
	<u> </u>		·
			
	<u> </u>		
· · · · · ·		***************************************	
		<u> </u>	
	 		
ہے۔ ار	100	,	
EXAMINER		DATE CONSIDERED	
1111/11		W/1/01	
*EXAMINER: Initial if refe	rence considered, whether or not citation is in conformation in conformance and not considered. Include copy of the	nnce with MPEP 609; Draw li	ne through
Citation it not	in conformance and not considered. Include copy of the	us totut with heat communica	aton to approant.

. •

FORM PTO-1449	U.S. D. ARTI	MENT OF COM	MERCE	ATTY. D	ET NO.	SERIAL NO). 3		
(REV. 7-80)	PATENT AND			ALCA-1	1100-6	09/152,008	2 4 60		
` ,						SERIAL NO. 09/152,008 Connog C			
10:					+		10 2 4x		
Q E LIST®	POOCUMENTS CITED BY Colse several sheets if nece 3 OF 4	APPLICANT	V - m				34 / 1		
1,	esse several sheets if nece	ssary)					Ca Co		
0 9700	当 3 OF 4	• /	ľ	APPLIC	ANT(S): Paul	Γ. BANIEWI	CZ et al.		
1 .2	*		ŀ	FILING	DATE	GROUP			
MAIN	3 /			9/11/98	DATE	2731	%		
			D III D O CI			2/31			
ATENT & THE	FO	REIGN PATE	NT DOCU	MENTS	<u> </u>				
	DOCUMENT.						TRANSLATION		
	DOCUMENT NUMBER	DATE	COUNTI	v	CLASS	SUBCLASS			
	NOMBER	DAIL	COUNT	\1	CLASS	SOBCLASS	YES NO		
17/2	96/41440	12/19/96	WO						
	97/48189	12/18/97	WO						
	7//40107	12/10/7/							
· ·		++							
		 							
		 							
		1							
		 							
		 							
					· · · · · · · · · · · · · · · · · · ·				
		 							
		<u> </u>							
		1				<u> </u>			
		1							
		1							
		 							
		 -							
		 							
		 							
		 							
		 							
	n sol		<u> </u>						
EXAMINER /	11/1//			DATE CO	NSIDERED				
				inlai	101				
Mr.	1 w//		1	_44	U(
	if reference considered, wheth								
citation	n if not in conformance and not	considered. Inclu	ide copy of thi	s form with	i next communica	mon to applicat	nt		

(REV. 7-80)	PATENT AND	TRADEMAI	RK OFFICE	NO. ALCA-	1100-6	09/152,008				
LIST O	F DOCUMENTS CITED BY (Use several sheets, senece:		NT .							
	() () () () () () () () () ()			APPLIC	CANT(S): BA	DT Sr.				
	/ mm - 1				DATE	GROUP				
	TIL 1 8 Man 2				ber 11, 1998	2731				
	TRADEM TRADEMENT	J.S. PATE	NT DOCUM	ENTS						
* EXAMINER	DOCUMENT					SUBCLASS	FILING	DATE		
INITIAL	NUMBER	DATE	NAM	lE 	CLASS		(IF APPRO			
1/2	5,212,475	5/93	Thoma		340	2,4				
							ਰ			
							JUL 2 0 2001 edhnology Center 2600	\overline{x}		
								RECEIVED		
							2 %	m		
							ල ර	"		
							2001 nter 2	Ē		
							01	Ö		
							8			
					0.					
							ļ			
			<u> </u>							
							<u> </u>			
								-		
					1					
			<u> </u>							
EXAMINER /	1//1/		*	DATE CO	ONSIDERED		•			
					0/09/01					
	if reference considered, wheth if not in conformance and not						ant.			

U.S. DEPARTMENT OF COMMERCE

FORM PTO-1449

SERIAL NO.

ATTY. DOCKET

Please	type a	plus	sign	(+)	inside	this box	
--------	--------	------	------	-----	--------	----------	--

PTO/SB/08A (10-96)

TRADEMAR

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Complete-if Known								
Application Number	09/152,008	(ID)						
Filing Date	09/11/1998	101.61						
First Named Inventor	Sig H. Badt, Jr.	7						
Group Art Unit	2731	MAR 3 1 2000 5						
Examiner Name	Not assigned	7						
Attorney Docket Number	ALCA11006							

	U.S. PATENT DOCUMENTS											
Examiner Initials	Cite No.1	Number (if known)		of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						
		4,956,835		Grover	09/11/1990							
						RECEIVED						
						APR 0 7 2000						
						Group 2700						
	-											

	FOREIGN PATENT DOCUMENTS													
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Do Number ⁴	Cument Kind Code ⁵ (<i>if known</i>)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6						
								T						
						· · · · · · · · · · · · · · · · · · ·		\Box						
								\Box						

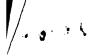
Examiner Signature	Date Considered	10/09	10	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.





PTO/SB/08B (10-96)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	ite for form 1449B/PT	то		Complete if Known					
				Application Number	09/152,008	10			
INF	ORMATIO	NC	DISCLOSURE	Filing Date	09/11/1998	101181			
STA	TEMENT	BY	APPLICANT	First Named Inventor	Sig H. Badt, Jr.	/			
J .,			/	Group Art Unit	2731	MAR 3 1 2000			
	(use as many	sheet	ts as necessary)_	Examiner Name	Not assigned	71/11/10			
Sheet	1	of	1	Attorney Docket Number	ALCA11006	E A			
	•				•	RADEMARK			

		RADEMA	<u>~</u>
		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
M		Patent Cooperation Treaty - International Search Report for International Application No.	
		PCT/US99/20935	L
	ļ	RECEIVE	
		RECEIVE APR 0 7 200 Group 270	0
	 	AITT 5	A
		Group 2/4	U
			_
	├ ─		L
			\vdash
		·	
	-		-
			L

Examiner //////	Date	Inla	/
Signature ////////////////////////////////////	Considered	10/9	101

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.